

## APPENDIX A

## RESULT 3

AAB67341

ID AAB67341 standard; peptide; 239 AA.

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AC AAB67341;

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DT 23-APR-2001 (first entry)

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DE Staphylococcus aureus enterotoxin B protein.

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KW Tumour; cancer; immune; enterotoxin.

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OS Staphylococcus aureus.

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PN US6180097-B1.

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PD 30-JAN-2001.

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PF 30-OCT-1998; 98US-00183437.

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PR 03-OCT-1989; 89US-00416530.

PR 17-JAN-1990; 90US-00466577.

PR 17-JAN-1991; 91WO-US000342.

PR 01-JUN-1992; 92US-00891718.

PR 02-MAR-1993; 93US-00025144.

PR 31-JAN-1994; 94US-00189424.

PR 19-JUN-1995; 95US-00491746.

XX

PA (TERM/) Terman D S.

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PI Terman DS;

XX

DR WPI; 2001-158657/16.

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PT Tumor cell capable of stimulating antitumor immune reactivity in vitro or

PT in vivo comprises exogenous nucleic acids encoding a superantigen and a

PT costimulatory molecule.

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PS Disclosure; Fig 2; 16pp; English.

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CC The present invention relates to a tumour cell capable of stimulating  
 CC antitumor immune reactivity in vitro or in vivo contains and expresses an  
 CC exogenous nucleic acid molecule encoding a superantigen or its active  
 CC fragment and an exogenous nucleic acid molecule encoding a costimulatory  
 CC molecule that activates T cells in conjunction with an antigenic  
 CC stimulus. The invention may be used for cancer therapy by stimulating an  
 CC anticancer immune response in vivo or ex vivo

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SQ Sequence 239 AA;

Query Match 99.7%; Score 1277; DB 4; Length 239;

Best Local Similarity 99.6%; Pred. No. 2.9e-107;

Matches 238; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 ESQPDPKPDELHKSSKFTGLMENMKVLYDDNHVSAINVKSIDQFLYFDLIYSIKDTKLGN 60  
 |||

Db 1 ESQPDPKPDELHKSSKFTGLMENMKVLYDDNHVSAINVKSIDQFLYFDLIYSIKDTKLGN 60

Qy 61 YDNVRVEFKNKDLADKYKDKYVDVFGANYYYQCYFSKKTNDINSHQTDKRKTCMYGGVTE 120  
 |||

Db 61 YDNVRVEFKNKDLADKYKDKYVDVFGANYYYQCYFSKKTNDINSHQTDKRKTCMYGGVTE 120

Qy	121	HNANQLDKYRSITVRVFEDGKNLLSFDVQTNNKKKVTAQELDYLTRHYLVKNKKLYEFNNS	180
Db	121	HNGNQLDKYRSITVRVFEDGKNLLSFDVQTNNKKKVTAQELDYLTRHYLVKNKKLYEFNNS	180
Qy	181	PYETGYIKFIENENSFWYDMMPPAGDKFDDSKYLMYNDNKMVDSDKDVKIEVYLTTKKK	239
Db	181	PYETGYIKFIENENSFWYDMMPPAGDKFDDSKYLMYNDNKMVDSDKDVKIEVYLTTKKK	239